

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	("6228781" "20020076946" "20030003635").pn.	US_PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/08/17 16:34
S27	133	(438/477).OCLS.	US_PGPUB; USPAT; USOCR	OR	OFF	2007/09/05 11:56
S28	388	(remov\$3 near2 impurit\$3) near5 (insulat\$3)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 12:34
S29	248	S28 and (reduc\$3 or oxiziz\$5)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 12:05
S30	217	(remov\$3 near2 impurit\$3) near5 (dielectric)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 12:05
S31	151	S30 and (reduc\$3 or oxiziz\$5)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 12:07
S32	2	S30 and ((reduc\$3 or oxiziz\$5) adj gas)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 12:09
S33	7	S30 and ((reduc\$3 or oxiziz\$5) adj (gas or atmosphere))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 12:34
S34	676	(257/E21.639).OCLS.	US_PGPUB; USPAT; USOCR	OR	OFF	2007/09/05 12:34

S35	34	S34 and (remov\$3 near2 impurit\$3)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 16:24
S36	835	(257/e21.625).OCLS.	US_PGPUB; USPAT; USOCR	OR	OFF	2007/09/05 12:37
S37	33	S36 and (remov\$3 near2 impurit\$3)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 12:38
S38	29	S37 not S35	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 12:38
S39	179097	(form\$3 or formation or deposit\$4) with (dielectric or insulat\$3) same (repeat\$3 or plurality)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 14:39
S40	61704	((0.3" "0.4" "0.5" "0.6" "0.7" "0.8" "0.9" "1.0" \$27 "1.1" "1.2" "1.3" "1.4" "1.5" "1.6" "1.7" "1.8" "1.9" "2.0" \$28) adj (nm or nanometer)) or (("3" "4" "5" "6" "7" "8" "9" "10" "11" "12" "13" "14" "15" "16" "17" "18" "19" "20") adj (angstrom or ".ang." or ".angstrom.))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 14:44
S41	175	S39 same S40	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 14:44
S42	155	(remov\$3 near2 impurit\$3) with reduc\$3 with oxidiz\$3	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 16:02

S43	26	((remov\$3 near2 impurit\$3) with reduc\$3 with oxidiz\$3).bsum.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 16:08
S44	129	S42 not S43	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 16:08
S45	0	(remov\$3 near2 impurit\$3) with atmosphhere with hydrogen with (oxygen nitrogen adj monoxide nitrous adj oxide ozone plasma adj oxygen)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 16:26
S46	527	(remov\$3 near2 impurit\$3) with (hydrogen or "h.sub.2") with (oxygen nitrogen adj monoxide nitrous adj oxide ozone plasma adj oxygen)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 16:27
S47	283372	(("438") or ("257")).CLAS.	US_PGPUB; USPAT; USOCR	OR	OFF	2007/09/05 16:27
S48	76	S46 and S47	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/05 16:28
S50	528	contact with gate with (insulat\$3 or dielectric) with selective	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/06 09:49
S52	1752	(438/778).COLS.	US_PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 16:41
S53	73	S52 and (remov\$3 near3 impurity)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/21 16:42
S54	990	(438/785).COLS.	US_PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 17:17

S55	77	S54 and (remov\$3 near3 impurity)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/21 17:18
S56	59	S55 not S53	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/21 17:21
S57	992	(438/785).COLS.	US_PGPUB; USPAT; USOCR	OR	OFF	2008/04/22 14:30
S58	42	S57 and (repeat\$3 near4 (multiple or plurality))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 14:30
S59	27	S58 and anneal\$3	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 14:31
S60	2	"6420279".pn.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 14:39
S61	2	"6348386".pn.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 14:40
S62	2	"20050106798".pn.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 14:58
S63	2	"6849505".pn.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 14:59

S64	25	(high and dielectric and ((atomic adj layer) or ald)).ti.	US_PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/04/22 15:10
S65	10	S64 and anneal\$3	US_PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/04/22 15:10
S66	1	10/550805	US_PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/04/22 15:22
S67	906	(427/380).OCLS.	US_PGPUB; USPAT; USOCR	OR	OFF	2010/01/06 10:45
S68	0	S67 and (aluminum adj oxide) and (tma or tdmah)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 10:46
S69	90	((hafnium near aluminum near oxide) or hfalo or alhfo) and (tma or (trimethyl adj aluminum) or tdmah or (tetrakis adj dimethylamino adj hafnium)) and (heat\$3 or anneal\$3)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 10:51
S70	2	"20010035241".pn.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 10:56
S71	6	((hafnium near aluminum near oxide) or hfalo or alhfo) with mocvd	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 11:07
S72	115	((aluminum near oxide) or hfalo or alhfo) with mocvd	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 11:07

S73	34	S72 and carbon	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 11:08
S74	150	(438/477).OCLS.	US_PGPUB; USPAT; USOCR	OR	OFF	2010/01/06 11:14
S75	3455	((aluminum near oxide) or "al.sub.2o.sub.3") and (tma or (trimethyl adj aluminum)) and (heat\$3 or anneal\$3)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 11:21
S76	3311	((aluminum adj oxide) or "al.sub.2o.sub.3") and (tma or (trimethyl adj aluminum)) and (heat\$3 or anneal\$3)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 11:21
S77	728	S76 and (ald or (atomic adj layer adj deposition))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 11:22
S78	0	S77 and ((heat\$3 or anneal\$3) near5 ("after each" or "between each"))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 11:23
S79	0	S77 and ((heat\$3 or anneal\$3) with ("after each" or "between each"))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 11:23
S80	0	S77 and ((heat\$3 or anneal\$3) with (after adj each))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 11:23
S81	0	S77 and ((heat\$3 or anneal\$3) with (after adj each))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 11:23

S82	38	S77 and ((heat\$3 or anneal\$3) near5 cycle)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 11:24
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